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12/18/95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Smith *et al.*

Serial No.: 08/487,032

Examiner:

Filed: June 7, 1995

Group Art Unit:

Title: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
HELICOBACTER PYLORI FOR DIAGNOSTICS AND
THERAPEUTICS

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December 15, 1995

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and of Mail Deposit

By

Amy E. Mandragouras
Registration No. 36,207

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Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows:

In the specification:

- At page 1, line 25, delete "." and insert --(-- after "layer.";
- line 27, insert --(-- after "760";
- line 28, insert --(-- after "cells";
- line 29, insert --(-- after "319" and insert --(-- after "adhesins."; and
- line 31, insert --(-- after "2039".

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&
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November 23, 1998

VIA HAND DELIVERY

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application Serial No 08/487,032
Title: *Nucleic Acid and Amino Acid Sequences Relating to Helicobacter
Pylori for Diagnostics and Therapeutics*
Filed: June 7, 1995
Inventors: Smith et al.
Examiner: V. Portner, Group Art Unit: 1641
Attorney Docket No. GTN-001

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Dear Sir:

I enclose herewith for filing in the above-identified application the following:

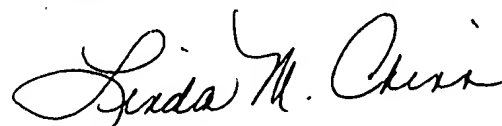
1. A copy of a Preliminary Amendment previously filed on December 15, 1995;
2. A copy of a Preliminary Amendment previously filed on January 23, 1996; and
3. A return postcard.

Duplicate
copy
sheet
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Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP


Linda M. Chinn
Reg. No. 31,240

LMC/rm
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Smith, Douglas

Serial No.: 08/487,032

Filed: June 7, 1995

For: *NUCLEIC ACID AND AMINO ACID
SEQUENCES RELATING TO HELICOBACTER
PYLORI FOR DIAGNOSTICS AND THERAPEUTICS*

Attorney Docket No.: GTN-001

Group Art Unit: 1802

Examiner: V. Portner

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June 23, 1996
Date of Signature and of Mail Deposit

By:

Amy E. Mandragouras
Registration No. 36,207
Attorney for Applicant

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination, please amend the above-referenced application as follows:

In the specification:

At page 76, line 1, please insert substitute pages 76-782 containing the Sequence Listing as submitted herewith for the originally filed pages 76-782.

REMARKS

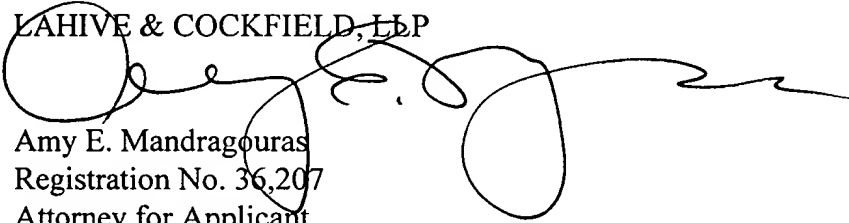
The substitute pages 76-782 containing the Sequence Listing merely correct the defects set out in the "Notice to Comply with Requirements for Patent Applications containing

Nucleotide Sequence and/or Amino Acid Sequence Disclosures." Applicant has also submitted on even date herewith a computer-readable form (diskette) of the Sequence Listing which is identical in substance to the Sequence Listing appearing on substitute pages 76-782.

No new matter has been added to the application. Accordingly, as the above amendments do not affect the issue of patentability, it is respectfully requested that they be entered.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



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Tel. (617) 227-7400
Dated: January 23, 1997